

LOLe 1 User's manual



To guarantee the operating light's proper operation, the light must be checked and serviced once a year by a qualified service technician.

I- WARNINGS AND CAUTIONS

- Do not use the operating Light without protective fascia.
- Do not allow the patient to grab the operating light handles or arm when getting seated or getting up from the patient chair.
- Never splash water on the operating light or power supply.
- Do not open the power supply or install it on the floor.
- The LOLe is not suitable for use in the presence of flammable product.
- The LOLe fulfils the standard IEC 601-1-2 requirements. However, electromagnetic interferences between the light and other sensitive devices can occur in very extreme conditions. Those disturbances can be reduced by increasing the distance between the devices.

II- PRESENTATION – CHARACTERISTICS

The LOLe is an operating lamp working with 4 opteleads which enable to illuminate all the area of the oral cavity. The long operating light arm ensures the entire mandibular area to be illuminated. The usual switch ON/OFF has been replaced by infrared sensors.

III- USING



The LOLe must be moved with the handles only. Do not move the light with the arm or the light body.

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Note: Human eye is able to detect a little colour difference between the 4 opteleads. It doesn't affect either spot quality or provided light because it is the result of all 4 opteleads' light superposition. The Standard requires a colour temperature of 5000 K. In all cases is this condition completely fulfilled and the colour temperature goes from 5800 K up to 6500 K.

The infrared light sensors of the operating light enable you to switch ON or OFF the light, as well as change the brightness of the light by waving your hand in front of the sensors. **The sensors detect your hand movement from up to 12cm (4.7 in) from the infrared sensors.**

To switch ON/OFF: shortly wave your hand vertically in front of the sensors. **The LOLe will switch ON/OFF by emitting a signal tone when you will have removed your hand away from the sensor activation area.**

To adjust the brightness of the light: Once the operating light is lit, keep your hand longer in front of the sensors to adjust the brightness of the light (you can hear the variation progress). Adjusting range is from 50 to 100% in step of 5, successively increasing and lessening. A signal tone indicates that the minimum or maximum brightness is reached.



IV- CLEANING



The led housing and protective fascia heat up when the operating light is used. Allow these parts to cool and switch the LOLe OFF before cleaning or removing the protective fascia.

The LOLe is dustproof and is impervious to the spray vapour. All exposed surfaces (head and arms) should be periodically wiped clean with non-abrasive cleaning agent designed for cleaning dental units. Stronger agents can be used for disinfecting the surfaces of the light. We recommend Dürr System Hygiene FD 322 or similar disinfecting solution.

The two handles of the LOLe can be removed by carefully pulling them outwards and autoclaved up to 135°C.

The handles are consumables and are not covered by the warranty.



In order to protect the environment, the recyclable parts of the LOLe must to be dispatched to the appropriate processing centers, after hazardous waste has been removed.